Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | Complete If Known | | | |
|-------|-----------------|---------------------|---|----------------------|---------------------------------|--|--|
| | Substitute for | Form 1449A/PTO | | Application Number | TBD | | |
| | INFORMATIO | N DISCLOSURE | | Filing Date | Herewith | | |
| | | BY APPLICANT | | First Named Inventor | Srinivasan Chakravarthi, et al. | | |
| | SIMIEMENT | DI APPLICANI | | Group Art Unit | 2813 | | |
| | (use as many sl | heets as necessary) | | Examiner Name | Yennhu B. Huyh | | |
| Sheet | 1 | of | 1 | Attomey Docket No. | TI-33161.1 | | |

| | | | | U.S. I | PATENT DOCUME | ENTS | | |
|--------------------|--------------|----------------------|---|-------------------------------|-------------------------------|---|--|--|
| | | U.S. Patent Document | | Name of Patentee | Date of Pub. | | | |
| Exam. Initials* | Cite No.1 | Number | Kind Code ² (if known) | or Applicant of Cited Doc. | of Cited Doc. (mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| 90 | AA | 6,037,640 | | Lee | 3/14/00 | | | |
| | AB | | | | | | | |
| | AC | | | | | | | |
| | AD | | | | | | | |
| - | AE | | | | | | | |
| | AF | | | | | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| - | AL | | 1 | | | | | |

| | | | | | FOREIGN PATE | NT DOCUMENTS | | |
|--------------------|--------------|-------------------------|---------------------|--------------------------------------|-------------------------------|-------------------------------|--|----------------|
| Exam. Initials* | Cite No.1 | Foreign Patent Document | | | Name of Patentee | Date of Pub. | | ١. |
| | | Office | Number ⁴ | Kind Code ² (if known) | or Applicant of Cited Doc. | of Cited Doc. (mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Τ ⁶ |
| | BA | | | | | | | |
| | ВВ | | | <u> </u> | | | | <u> </u> |
| | ВС | | | <u> </u> | | | | |
| | BD | | | l | | | | |
| | BE | | | - | | | | Щ. |
| | BE | | | | | | | |
| | BG | | | | | | | <u> </u> |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---|--------------|---|----|--|--|--|
| Exam. Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | | |
| PD | CA | P. PACKAN ET AL., "Modeling Solid Source Boron Diffusion for Advanced Transistor Applications" IEEE, IEDM 98, pp. 505-508 | | | | |
| PD | СВ | DANIEL F. DOWNEY ET AL., "Effect of Fluorine on the Diffusion of Boron In Ion Implanted Si" 1998 American Institute of Physics, Vol. 73, Number 9, August 31, 1998, pp. 1263-1265 | | | | |
| | СС | | | | | |
| | CD | | | | | |
| | CE | | | | | |
| | CF | | | | | |
| ,- | CG | | | | | |

| Examiner | DILLY: I NA JR | Date | 2/28/04 |
|-----------|----------------|------------|---------|
| Signature | THOC I. DANG | Considered | 7081 |

^{*}EXAMINER: Initial-if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Other Prior Art/Non-Patent Literature Documents: 1 Unique citation designation number. 2 Applicant is to place a check mark here if English Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademan Office, Washington, OC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, OC 20231